



PATENT
Attorney Docket No. ZCO-100

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Bredt *et al.*
SERIAL NO.: 10/848,831 GROUP NO.: 1772
FILING DATE: May 19, 2004 EXAMINER: Not yet assigned
TITLE: THERMOPLASTIC POWDER MATERIAL SYSTEM FOR
APPEARANCE MODELS FROM 3D PRINTING SYSTEMS

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO NOTICE TO FILE
MISSING PARTS OF NONPROVISIONAL APPLICATION

Sir:

In response to the Notice to File Missing Parts of Nonprovisional Application dated July 21, 2004 ("Notice"), enclosed is a copy of the Notice to File Missing Parts of Nonprovisional Application, an executed Declaration and Power of Attorney, a listing of Patent Practitioners of Record Under 37 C.F.R. § 1.32(c)(3), a Preliminary Amendment, and a check in the amount of \$1,736.00 for payment of the statutory basic filing fee, additional claim fees, and the surcharge for late filing of oath or declaration. Please note that the check is for a lesser amount than indicated in the Notice because claims are being canceled in the Preliminary Amendment, thereby reducing the extra claim fee.

Please charge Deposit Account No. 20-0531 for any additional fees that may be due in this matter or credit any overage.

Respectfully submitted,

Date: September 13, 2004
Reg. No. 44,381

Tel. No. (617) 310-8327
Fax: (617) 248-7100

3114348-1

Natasha C. Us
Natasha C. Us
Attorney for the Applicants
Testa, Hurwitz & Thibeault, LLP
High Street Tower
125 High Street
Boston, Massachusetts 02110


 O I F E
 SEP 15 2004
 UNITED STATES PATENT AND TRADEMARK OFFICE
 TRADEMARK OFFICE

 UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/848,831	05/19/2004	James F. Bredt	ZCO-100

CONFIRMATION NO. 4783

021323

 TESTA, HURWITZ & THIBEAULT, LLP
 HIGH STREET TOWER
 125 HIGH STREET
 BOSTON, MA 02110

FORMALITIES LETTER



OC000000013293771

Date Mailed: 07/21/2004

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 770 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).
- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

The applicant needs to satisfy supplemental fees problems indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Additional claim fees of \$1808 as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

SUMMARY OF FEES DUE:
 09/16/04
 Total additional fee(s) required for this application is \$2708 for a Large Entity
 09/16/2004 MAILED 1 00000020 10848831

- \$770 Statutory basic filing fee.
- \$130 Late oath or declaration Surcharge.

01 FC:1001	770.00 OP
02 FC:1051	130.00 OP
03 FC:1201	602.00 OP
04 FC:1202	234.00 OP

- Total additional claim fee(s) for this application is **\$1808**

- **\$602** for **7** independent claims over 3.
- **\$1206** for **67** total claims over 20.

Replies should be mailed to: Mail Stop Missing Parts
 Commissioner for Patents
 P.O. Box 1450
 Alexandria VA 22313-1450

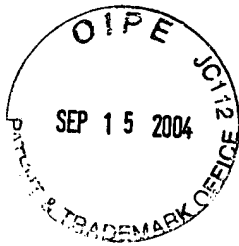
*A copy of this notice **MUST** be returned with the reply.*



Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 1 - ATTORNEY/APPLICANT COPY



PATENT
Attorney Docket No. ZCO-100

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Bredt *et al.*
SERIAL NO.: 10/848,831 GROUP NO.: 1772
FILING DATE: May 19, 2004 EXAMINER: Not yet assigned
TITLE: THERMOPLASTIC POWDER MATERIAL SYSTEM FOR
APPEARANCE MODELS FROM 3D PRINTING SYSTEMS

CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8

I hereby certify that this correspondence, and any document(s) referred to as enclosed herein, is/are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to the Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 13th day of September, 2004.

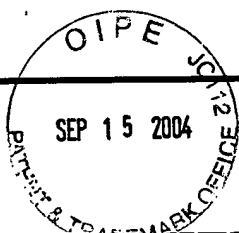

Wendy Martin

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith are: Transmittal Form (1 page); Fee Transmittal (1 page); Preliminary Amendment (9 pgs.); Response to Notice to File Missing Parts of Nonprovisional Application (1 page); Copy of Notice to File Missing Parts of Nonprovisional Application (2 pages); Executed Declaration and Power of Attorney for Utility Application (3 pages); listing of Patent Practitioners of Record Under 37 C.F.R. § 132(c)(3) (1 page); Check in the amount of \$1,736.00; and a return receipt postcard.

**TRANSMITTAL
FORM**



Application Serial Number	10/848,831
Filing Date	May 19, 2004
First Named Inventor	Bredt
Group Art Unit	1772
Examiner Name	Not yet assigned
Attorney Docket No.	ZCO-100
Patent No.	Not applicable
Issue Date	Not applicable

ENCLOSURES (check all that apply)

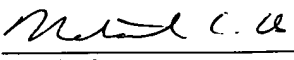
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Check Attached <input type="checkbox"/> Copy of Fee Transmittal Form <input checked="" type="checkbox"/> Amendment/Response <input checked="" type="checkbox"/> Preliminary <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets _____] <input type="checkbox"/> Petition for Extension of Time <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Form PTO-1449 <input type="checkbox"/> Copies of IDS Citations <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Sequence Listing submission <input type="checkbox"/> Paper Copy/CD <input type="checkbox"/> Computer Readable Copy <input type="checkbox"/> Statement verifying identity of above	<input checked="" type="checkbox"/> Copy of Notice to File Missing Parts of Application <input type="checkbox"/> Formal Drawing(s) <input type="checkbox"/> Request For Continued Examination (RCE) Transmittal <input type="checkbox"/> Power of Attorney (Revocation of Prior Powers) <input type="checkbox"/> Terminal Disclaimer <input checked="" type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> CD(s) for large table or computer program <input type="checkbox"/> Amendment After Allowance <input type="checkbox"/> Request for Certificate of Correction <input type="checkbox"/> Certificate of Correction (in duplicate)	<input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences <input type="checkbox"/> Appeal Brief (in triplicate) <input type="checkbox"/> Status Inquiry <input checked="" type="checkbox"/> Return Receipt Postcard <input checked="" type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8 <input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8 <input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below) - Response to Notice to File Missing Parts of Nonprovisional Application - listing of Patent Practitioners of Record Under 37 C.F.R. §1.32(c)(3)
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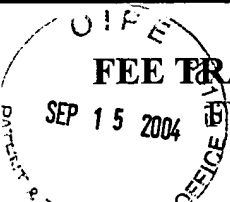
CORRESPONDENCE ADDRESS

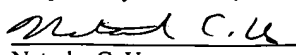
Direct all correspondence to: Patent Administrator
 Testa, Hurwitz & Thibault, LLP
 125 High Street
 Boston, MA 02110
 Tel. No.: (617) 248-7000
 Fax No.: (617) 248-7100

SIGNATURE BLOCK

Respectfully submitted,

Date: September 13, 2004 
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 Fax No.: (617) 248-7100
 Natasha C. Us
 Attorney for the Applicants
 Testa, Hurwitz & Thibault, LLP
 125 High Street
 Boston, MA 02110

 <h2 style="margin: 0;">FEE TRANSMITTAL</h2> <p style="margin: 0;">SEP 15 2004</p>	Complete if Known	
	Application Serial Number	10/848,831
	Filing Date	May 19, 2004
	First Named Inventor	Bredt
	Group Art Unit	1772
	Examiner Name	Not yet assigned
Attorney Docket No.	ZCO-100	

METHOD OF PAYMENT	FEE CALCULATION (continued)																																																																																				
<p>1. <input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p> <p>2. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to credit or charge any fee indicated below for this submission to Deposit Account No. 20-0531. <input type="checkbox"/> Required Fees (copy of this sheet enclosed). <input checked="" type="checkbox"/> Additional fee required under 37 CFR 1.16 and 1.17. <input checked="" type="checkbox"/> Overpayment Credit.</p> <p>3. <input type="checkbox"/> Applicant claims small entity status.</p>	<p>3. ADDITIONAL FEES</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 15%;">Large Entity Fee (\$)</th> <th style="width: 15%;">Small Entity Fee (\$)</th> <th style="width: 50%;">Fee Description</th> <th style="width: 20%;">Fee Paid</th> </tr> <tr> <td>130</td> <td>65</td> <td>Surcharge - late filing fee or oath</td> <td>130.00</td> </tr> <tr> <td>50</td> <td>25</td> <td>Surcharge - late provisional filing fee or cover sheet</td> <td></td> </tr> <tr> <td>130</td> <td>130</td> <td>Non-English specification</td> <td></td> </tr> <tr> <td>2,520</td> <td>2,520</td> <td>Request for ex parte reexamination</td> <td></td> </tr> <tr> <td>110</td> <td>55</td> <td>Extension for reply within first month</td> <td></td> </tr> <tr> <td>420</td> <td>210</td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td>950</td> <td>475</td> <td>Extension for reply within third month</td> <td></td> </tr> <tr> <td>1480</td> <td>740</td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>2010</td> <td>1005</td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>330</td> <td>165</td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>330</td> <td>165</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>290</td> <td>145</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>130</td> <td>130</td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>180</td> <td>180</td> <td>Submission of Information Disclosure Statement</td> <td></td> </tr> <tr> <td>770</td> <td>385</td> <td>Filing a submission after final rejection (37 CFR 1.129(a))</td> <td></td> </tr> <tr> <td>770</td> <td>385</td> <td>For each additional invention to be examined (37 CFR 1.129(b))</td> <td></td> </tr> <tr> <td>100</td> <td>100</td> <td>Certificate of Correction for applicant's error</td> <td></td> </tr> <tr> <td>110</td> <td>55</td> <td>Submission of Terminal Disclaimer</td> <td></td> </tr> <tr> <td colspan="2">Other fee (Specify)</td> <td></td> <td></td> </tr> <tr> <td colspan="2">Other fee (Specify)</td> <td></td> <td></td> </tr> </table>	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid	130	65	Surcharge - late filing fee or oath	130.00	50	25	Surcharge - late provisional filing fee or cover sheet		130	130	Non-English specification		2,520	2,520	Request for ex parte reexamination		110	55	Extension for reply within first month		420	210	Extension for reply within second month		950	475	Extension for reply within third month		1480	740	Extension for reply within fourth month		2010	1005	Extension for reply within fifth month		330	165	Notice of Appeal		330	165	Filing a brief in support of an appeal		290	145	Request for oral hearing		130	130	Petitions to the Commissioner		180	180	Submission of Information Disclosure Statement		770	385	Filing a submission after final rejection (37 CFR 1.129(a))		770	385	For each additional invention to be examined (37 CFR 1.129(b))		100	100	Certificate of Correction for applicant's error		110	55	Submission of Terminal Disclaimer		Other fee (Specify)				Other fee (Specify)			
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<p style="text-align: center;">CORRESPONDENCE ADDRESS</p> <p>Direct all correspondence to:</p> <p style="margin-left: 40px;">Patent Administrator Testa, Hurwitz & Thibault, LLP High Street Tower-125 High Street Boston, MA 02110 Tel. No.: (617) 248-7000 Fax No.: (617) 248-7100</p>	<p style="text-align: center;">SIGNATURE BLOCK</p> <p>Respectfully submitted,</p> <p style="margin-left: 40px;">Date: <u>Sept. 13, 2004</u> Reg. No.: 44,381 Tel. No.: (617) 310-8327 Fax No.: (617) 248-7100</p> <p style="margin-left: 40px;"> Natasha C. Us Attorney for the Applicants Testa, Hurwitz & Thibault, LLP High Street Tower-125 High Street Boston, MA 02110</p>																																																																																				